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March 24, 1998

VIA HAND DELIVERY

David Waddell, Executive Secretary  
Tennessee Regulatory Authority  
460 James Robertson Parkway  
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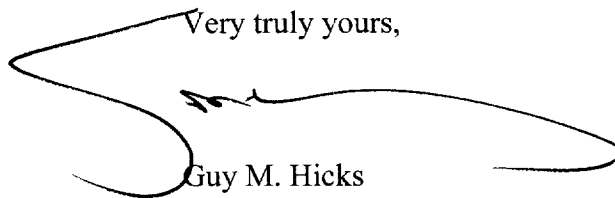
REC'D TN  
REGULATORY AUTH.  
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OFFICE OF THE  
EXECUTIVE SECRETARY

Re: *BellSouth Telecommunications, Inc.'s Entry Into Long Distance  
(InterLATA) Service in Tennessee Pursuant to Section 271 of the  
Telecommunications Act of 1996*  
Docket No. 97-00309

Dear Mr. Waddell:

Enclosed are the original and thirteen copies of the supplemental responses of BellSouth Telecommunications, Inc. to the Second Data Request of AT&T. A copy has been provided to counsel of record.

Very truly yours,



Guy M. Hicks

GMH:ch

Enclosure

BellSouth Telecommunications, Inc.  
TRA Docket 97-00309  
AT&T's Second Document Requests  
Dated March 6, 1998  
Item No. 10  
Supplemental Response  
Page 1 of 1

REQUEST: Please provide any revised BellSouth's methods and procedures for provisioning unbundled network elements, collocated space or local number portability.

RESPONSE: BellSouth continually reviews methods and procedures ("M&Ps"). Revisions are incorporated, as required, into the Unbundled Network Element Center electronic Work Instructions for process improvements and new service offerings. In order to be responsive to this request, BellSouth needs for AT&T to specify a date from which they are interested in UNEC M&P revisions. Regarding collocated space, please see the attached copy of Version 7.0 of the BellSouth Collocation Handbook. There have been no changes in the M&Ps related to Local Number Portability.



# Collocation Handbook

Version 7.0

2-26-98

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## SECTION 1

### **Preface**

**This handbook describes BellSouth's Collocation offerings, providing general information regarding the terms and conditions, ordering process, provisioning and maintenance of BellSouth's Collocation Offerings. By design, this document does not contain detailed descriptions of interdepartmental procedures, network interface qualities, network capabilities, local interconnection or product service offerings. This document does not contain all provisions stated in BellSouth's tariff or standard agreement and does not represent a binding agreement in whole or in part between BellSouth and subscribers of BellSouth's Collocation services. For actual Terms and Conditions of BellSouth's Physical Collocation offering, please refer to BellSouth's Standard Physical Collocation Agreement. For actual Terms and Conditions of BellSouth's Virtual Collocation offering, please reference BellSouth's FCC #1 Tariff, section 20 or BellSouth's Florida Access Tariff (E20).**

## **Introduction**

BellSouth offers Virtual Expanded Interconnection Service as a tariffed service offering. BellSouth will negotiate Physical Collocation on an individual contract basis. Both Virtual and Physical collocation will be made available on a first come, first served basis, depending on space availability for interconnection to unbundled network elements, access services and state tariff services necessary for use by telecommunications service providers. You will find a list of contacts included for your convenience to obtain more information on interconnecting services to BellSouth's collocation offerings.

## **SECTION 2**

### **Service Descriptions**

#### **Virtual Expanded Interconnection Service (VEIS)**

VEIS, or Virtual Collocation, is a tariffed service offering which provides for the placement of collocator-owned transmission equipment and facilities in BellSouth Central Offices for the interconnection to the BellSouth network. Collocation arrangements may interconnect to designated BellSouth tariffed services, local interconnection trunks and/or unbundled network elements.

With VEIS, the collocator places fiber optic cable from outside the central office to an interconnection point designated by BellSouth, (e.g. a serving manhole). The entrance facility is pulled into the central office cable vault by BellSouth, spliced into pre-terminated, fire-retardant riser cable and connected to the collocated equipment. Multiple entrance facility points will be made available where such entrances exist and capacity is available. The collocator must directly contract with its selected BellSouth Certified vendor for engineering and installation of the collocation equipment arrangement.

To ensure the compatibility of the facilities and equipment used to provision Virtual Collocation, collocated equipment and cabling facilities will be provided by the collocator. This includes, but is not limited to terminal transmission equipment and associated plug-ins/line cards, software, test equipment, the pre-terminated, fire-retardant riser cable, cabling from the equipment arrangement to the BellSouth cross-connect point, cabling from the arrangement to the BellSouth-provided power source, and any unique tools required to provision, maintain or repair the arrangement.

BellSouth will lease the collocator's entrance fiber, cabling and equipment arrangement for the nominal fee of one dollar. For this reason, VEIS equipment arrangements are most commonly located in the BellSouth equipment line-up. Performance monitoring and alarming of the collocated equipment is the responsibility of the collocator and must be performed remotely. BellSouth will perform all maintenance and repair on VEIS equipment once the collocator requests such work. For additional information regarding BellSouth's Virtual Expanded Interconnection Service, please reference Section 20 of BellSouth's FCC #1 tariff or section 20 of BellSouth's Florida Dedicated Access Tariff.



## **Service Descriptions, cont.**

### Physical Collocation

Physical Collocation is a negotiated contract arrangement for the placement of collocator-owned facilities and equipment in BellSouth Central Offices. Physical Collocation is available as either **Expanded Interconnection Service (EIS)** or **Service Interconnection (SI)**. Expanded Interconnection Service includes placement of equipment connected to private fiber entrance facilities and cross-connected to BellSouth's network. Service Interconnection provides for the placement of collocator equipment, interconnected to BellSouth network, without the use of private fiber entrance facilities.

Unlike VEIS, Physical Collocation arrangements will be placed in floor space separated from BST equipment. Where space permits, BellSouth will construct a common area for all collocators, including separate ingress/egress where feasible. The cost of such construction will be shared by all collocators at that location on a pro-rated basis. Equipment ownership, maintenance and insurance is the full responsibility of the collocator or their approved agent. The equipment compliment may include transmission equipment, terminating equipment, switching equipment, power and battery equipment (under special conditions only), PCs and test access modems. A Point of Termination Bay (POT Bay) serves as the demarcation point between the collocator's equipment arrangement and BellSouth's network.

All equipment placed as part of a collocation arrangement must be installed by a BellSouth Certified Vendor and must meet Bellcore/NEBS standards. A collocation arrangement enclosure may be purchased from BellSouth to house the equipment arrangement at the request of the collocator for an additional fee. A collocator has the option of arranging directly for the construction of the enclosure following BellSouth specifications. Under certain conditions, the collocator may be permitted to construct power plant facilities. Power equipment installed by the collocator must be enclosed within fire rated walls, which must be constructed to BellSouth and local building code specifications.

## SECTION 3

### General Terms and Conditions

#### 3.1 Contract Negotiations

For Physical Collocation, an agreement must be negotiated between the collocator and BellSouth. This process is initiated by the collocator submitting a Request for Negotiations letter to BellSouth. A sample request letter is included in this Handbook. Contract negotiations may take place concurrently with the Application Inquiry phase described below. **However, an agreement must be executed with BellSouth before the collocator may proceed with a Bona Fide Firm Order for Physical Collocation.**

#### 3.2 Assignment of space

BellSouth assigns space for collocation based on space availability on a first come, first served basis. For Virtual Collocation, space is assigned within the BellSouth equipment line-up based on the rack requirements for the equipment installation. Physical Collocation space is assigned based the customer's request, where space permits, with the physical collocation equipment arrangements placed in floor space separated from BellSouth equipment.

If BellSouth determines there is insufficient space within a BellSouth location to accommodate Physical Collocation, BellSouth will refund the Physical Collocation Application Fee. The collocator may request Virtual Collocation, in lieu of Physical Collocation,, at the same premises by submitting a Virtual Collocation BSTEI form with the appropriate Application Fee.

#### 3.3 Application Process

The application process for collocation is a two-phase process consisting of the Application Inquiry phase and the Bona Fide Firm Order phase. Both phases use BellSouth Expanded Interconnection forms (BSTEI forms).

For the Application Inquiry phase, a collocator must submit a complete BSTEI-1 Application Inquiry document for review and planning by BellSouth equipment engineers, space planners and facility planners. Based on the space and infrastructure analysis from these sources, BellSouth will respond to the Application Inquiry in writing. BellSouth will respond to individual Virtual Collocation Application Inquiries within 20 business days from receipt of a complete BSTEI-1 and individual Physical Collocation Application Inquiries within 30 business days of a complete BSTEI-1. Response intervals for multiple applications submitted by a single customer within a 15 business day window must be negotiated based on the priority established by the requesting customer. A proposed equipment layout and an application fee must accompany each Application Inquiry as indication of a bona fide request.

## General Terms and Conditions (cont.)

### 3.3 (cont.)

Requesting collocators will have 30 days to review BellSouth's written response to the Application Inquiry and submit a complete and accurate Firm Order for each location for which the collocator wishes to proceed. A detailed equipment drawing must accompany the Firm Order request along the pre-payment of applicable fees in order for the request to be Bona Fide.

The Firm Order may be submitted on the same BSTEI form used during the Application Inquiry phase, provided all necessary revisions are clearly marked to indicate the applicant's finalized plans. Major material changes to the request may require re-analysis of the space and infrastructure requirements, and therefore a re-completion of the Inquiry and Application response phase. Once the Firm Order is placed, the collocator may negotiate with a BellSouth Certified Vendor for their equipment placement. Collocator equipment placement may not begin until BellSouth's space and infrastructure work is complete. This date is identified as the **Complete Space Ready Date**. BellSouth may, at its sole discretion, agree to an equipment installation date prior to the completion of its infrastructure work, provided the area is properly secured. For these exceptions, BellSouth will report this date as the **Space Available for Occupancy Date**. In such cases, the collocator must sign a liability waiver before such work may begin.

As stated above, requesting collocators may begin the Application Inquiry process prior to the execution of Physical Collocation agreement with BellSouth. However, the agreement must be executed prior to proceeding to the Firm Order phase. A collocator may contact their BellSouth Interconnection Services Account Team contact noted in Section 4 of this Handbook for copies of BellSouth's Request for Negotiations, BSTEI forms and BSTEI line by line instructions. Forms and instructions will be available on BellSouth's website by the end of the 2<sup>nd</sup> quarter of 1998 at the following web address: [www.bellsouth.com/interconnection](http://www.bellsouth.com/interconnection).

### 3.4 Establishment of a Firm Order Date

BellSouth will establish a Firm Order Date, per request, based upon the date BellSouth is in receipt of a complete and accurate Firm Order. BellSouth will acknowledge the receipt of the Bona Fide Firm Order within fifteen days of receipt indicating that the Bona Fide Firm Order has been received and that the order is accurate and complete or is not accurate and complete. If the Firm Order is accurate and complete, the acknowledgment will be a **Firm Order Confirmation** which will indicate the Firm Order Date. If the Firm Order is not accurate and complete, BellSouth will acknowledge receipt of the BSTEI form with a letter detailing the necessary information needed to cause the order to be accurate and complete. BellSouth will not proceed with space or infrastructure provisioning until all information required for an accurate and complete firm order is received in writing from the requesting collocator.

## General Terms and Conditions (cont.)

### 3.5 Provisioning Intervals

Excluding the time interval required to secure the appropriate government licenses and permits, BellSouth will complete Physical Collocation space when construction is under ordinary conditions within 120 days of receipt of complete and accurate Bona Fide Firm Order, except where otherwise specified (e.g. negotiated contract terms or PSC decision). Ordinary conditions are defined as space available with only minor changes to network or building infrastructure. Excluding the time interval required to secure the appropriate government licenses and permits, BellSouth will complete construction of collocation space under extraordinary conditions within 180 days of the receipt of a complete and accurate Bona Fide Firm Order. Extraordinary conditions are defined to include but are not limited to major BellSouth equipment rearrangement; power plant addition or upgrade; major mechanical addition or upgrade; major upgrade for ADA compliance; multiple orders in excess of four (4) from one customer per area/state; mainframe addition; environmental hazard or hazardous materials abatement.

### 3.6 Arrangement Enclosures

At the Physical Collocator's option, BellSouth will construct an arrangement enclosure. Enclosures are available as a 100 square foot minimum with 50 square foot increments thereafter, based on space availability within the area designated for physical collocation. A collocator requesting more than a 100 square foot enclosure will be offered contiguous space where available. Where contiguous space is unavailable, the collocator may elect the construction of two separate enclosures and may interconnect its arrangements via direction connection or through the purchase of BellSouth cross-connects. The date BellSouth completes its enclosure construction work will be the **Enclosure Construction Complete Date**.

Except where otherwise required by local governing ordinances or regulatory requirements, BellSouth's standard enclosure will typically consist of 8' gypsum wall board construction mounted to a floor track enabling a 6" gap at floor level for air circulation. The door will be a 3-0 x 7-0 x 1 3/4 flush hollow core 20 gage steel door, closed top and bottom, with 18 gage knock down hollow metal frame. One four foot twin tube fluorescent light fixture per 100 square feet will be provided. Additional lighting should be provided by the collocator via rack-mounted lighting fixtures. One duplex convenience outlet will be provided for every 25 square feet of floor space. In the event the collocator requests BellSouth to provide additional items, such as lighting, an additional charge will apply. The collocator may contract directly with a BellSouth Certified contractor for construction of the enclosure following BellSouth's detailed enclosure specifications.

## **General Terms and Conditions (cont.)**

### **3.7 Entrance Facilities**

Requesting collocators may place collocator-owned fiber entrance facilities into the collocation space. BellSouth will designate the point of interconnection in proximity to the premise housing the collocation space, such as an entrance manhole or cable vault. When a private entrance facility is used, the collocator must provide and place a sufficient length of fiber cable at the point of interconnection to be pulled through to a splice location, where the entrance fiber will be spliced to collocator-provided fire retardant riser cable. Collocators are not permitted unrestricted access to BellSouth's serving manhole(s) and must contact BellSouth for instructions prior to placing the entrance facility cable in the manhole. Dual entrance into the collocation space will be permitted where capacity exists. The provision of dual entrance does not guarantee fiber route diversity to serve the collocation arrangement. BellSouth will evaluate its ability to provide for entrance facilities associated with microwave antennae on an individual case basis.

### **3.8 Equipment installation**

The collocator must select an equipment installation vendor who has achieved BellSouth Certified/Authorized Vendor status to perform all engineering and installation work associated with the equipment collocation arrangement. This ensures BellSouth's standards for safety and quality are met. The Certified Vendor is responsible for installing the collocation equipment and components, running power feed(s) to the BellSouth Bus Distribution Fuse Bay (BDFB), performing operational tests after the equipment installation is completed, and notifying the local BellSouth Central Office foreman and the Collocator upon successful completion of the installation and acceptance testing. Arrangements must be made such that the Collocator is billed directly by the Certified Vendor for activities associated with the arrangement installation.

Once acceptance testing is complete, the collocator must notify BellSouth in writing that their equipment is installed, tested and ready for service provisioning. This date is the Installation Complete Date. Without this notification from the collocator, BellSouth may not accept requests to connect service to the collocation arrangement. For Virtual Collocation only, the Certified Vendor must supply BellSouth a complete and accurate list of all equipment and facilities installed as part of the arrangement for insurance purposes. This list will become a bona fide attachment to the equipment lease. The lists of certified vendors effective as of the issue date of this Handbook are contained in Section 5. For the most current list, a collocator may contact their BellSouth Interconnection Services Account Team contact noted in Section 4 of this Handbook.

### **3.9 Occupancy of space**

The collocator must complete the collocation equipment installation within 180 days from the Complete Space Ready Date or forfeit the right to use the space. BellSouth may, at its discretion, extend the 180 day interval when best efforts have been demonstrated by the collocator in attempting to complete installation work within the 180 days. .



## General Terms and Conditions (cont.)

### 3.10 Commencement Date

The Commencement Date of an arrangement depends upon the Installation Complete Date and the notification of such date to BellSouth. Upon completion of the collocation equipment installation, the collocator and the collocator's vendor must jointly agree the collocator's equipment is operational and connected to BellSouth's network. This date will be the **Installation Complete Date**. The collocator must notify BellSouth of the Installation Complete Date in writing.

For Physical Collocation, the Commencement Date will be the Installation Complete Date. For Virtual Collocation, BellSouth will prepare the Equipment Lease agreement upon receipt of notification of the Installation Complete Date and the complete and accurate "as installed" equipment and facilities list. The Virtual Collocation Commencement Date will be the date the Lease is executed.

### 3.11 Alarm, monitoring and maintenance

The collocator is responsible for the placement and remote monitoring of equipment alarms, environmental alarms, and/or power alarms. BellSouth will place environmental alarms in collocation areas for its own use and protection. Upon request, BellSouth will provide remote monitoring circuits to the collocator at the tariff rate for the service requested. For Physical Collocation, the collocator or its agent is responsible for the maintenance and repair of the collocated equipment and facilities. For Virtual Collocation, BellSouth assumes the maintenance responsibility for the collocated equipment at the initiation and direction of the collocator.

### 3.12 Ordering Interconnected service

Virtual Collocators may interconnect to BellSouth's network at the DS3, DS1, 2-wire and 4-wire DS0 cross-connect levels. (A DS0 equivalent is available in Florida only.) Interconnection to Physical Collocation is available at the 2-wire or 4-wire, DS1, DS3 or Fiber Optic interface levels on a negotiated basis only. Please ask your BellSouth contact for specific information.

Services to be interconnected to a collocation arrangement must be submitted on Access Service Request (ASR) forms or Local Service Request (LSR) forms using industry standards and code sets for accurate and complete requests. For information regarding the ASR ordering process and field definitions, please reference the Access Service Ordering Guide, Bellcore's Special Reports SR STS-471001 and 471004. For information regarding the LSR ordering process and field definitions, please reference BellSouth's Local Interconnection and Facility Based Ordering Guide.

## **General Terms and Conditions (cont.)**

### **3.13 Assignment of facilities**

BellSouth assigns and pre-wires interconnection facilities from within its network to the collocation demarcation point. These facilities will be named as TIE cables or cable and pair. For Physical Collocation, the Point of Termination bay (POT bay) serves as the demarcation point between the collocater's arrangement and BellSouth's network. Physical Collocation interconnection facilities are built between the BellSouth frame, DSX or LGX and the POT bay. For Virtual Collocation, BellSouth's frame, DSX or LGX serves as the demarcation point. The interconnection facilities for Virtual Collocation will be built directly between the BellSouth frame, DSX or LGX and the collocater's equipment.

BellSouth provides the facility interconnection information on the Design Layout Record (DLR) for DS1 and DS3 interconnection and on the Cable and Pair Assignment Matrix for 2-wire and 4-wire (DS0) interconnection. The customer must specify interconnection facility information as a Circuit Facility Assignment (CFA) or cable and pair/channel assignment, respectively, on the Access Service Request or Local Service Request when ordering cross-connects to unbundled network elements or tariffed services.

### **3.14 Combining UNEs via collocation**

When a collocater orders unbundled network elements (UNEs) in order to recombine them within the collocation space, the facility designation described in the previous section must be used to facilitate this combination. An example of how a collocater might combine individual unbundled network elements is the combination of an unbundled loop and an unbundled switch port.

BellSouth will wire each UNE to the cable and pair or TIE pair designated by the collocater on the UNE order. Both the loop and the switch port are terminated on the Main Distributing Frame within the BellSouth central office. Upon request of the collocater, BellSouth will wire the loop to the cable and pair facility designation indicated on the unbundled loop order. BellSouth will also wire the unbundled switch port to the cable and pair facility designation indicated on the unbundled switch port order.

For Physical Collocation, BellSouth's wiring of the UNEs to the cable and pair interconnection facilities designated by the collocater correlates to a pre-designated position(s) on the POT bay (POI). The collocater may complete the combination via connections within their collocated equipment either manually or electronically.

To facilitate combinations in Virtual Collocation, the collocater may employ one of several options which may include, but not be limited to: pre-wired terminations on their transmission equipment, electronic digital cross-connects or other means of performing cross-connects remotely, or connections on a per request basis. An example of using pre-wired terminations might include the collocater arranging the pre-wiring of "position 100" to "position 200", "position 101" to "position 201" and etc. Should the collocater wish to combine two elements,



## **General Terms and Conditions (cont.)**

### **3.14 (cont.)**

such as combining an unbundled loop with an unbundled switch port, the collocator would specify the BellSouth cable and pair assignment correlating to slot 100 on the unbundled loop order and would specify the BellSouth cable and pair assignment correlating to slot 200 for the unbundled switch port. With slot 100 and slot 200 being pre-connected by the Certified Vendor, the elements are automatically combined once BellSouth completes its connection of each of the elements to the designated interconnection facility cable and pair assignments.

### **3.15 Access to BellSouth Central Offices**

BellSouth employees, BellSouth certified vendors, Collocator employees and their authorized agents are permitted in BellSouth Central Office collocation sites. Access to Virtual Collocation is permitted for BellSouth employees and Certified Vendors. Virtual Collocators are permitted to view the completed installation for inspection only as referenced in the preceding paragraphs.

Access to Physical Collocation is permitted for Collocator employees and their authorized agents, BellSouth certified vendors, and BellSouth employees. All physical collocators are required to provide their employees and authorized agents a picture identification. This identification must have the employee name and company name clearly printed and must be visible at all times while the individual is inside a BellSouth facility. Agents working on behalf of a collocator should be able to authenticate their relationship to the collocator upon request. Manned offices will afford 24 hour, 7 day per week access, but may require a security escort to the collocation area depending on building configuration. Unmanned offices may require prior arrangement for the dispatch of a BellSouth employee or security escort for building access. Security escort will be required any time a collocator or their agent must traverse a restricted area within the BellSouth premise.

### **3.16 Conversion of VEIS to Physical Collocation**

Collocators who have existing VEIS arrangements may convert these arrangements to Physical Collocation provided the terms and conditions for Physical Collocation are met. The collocator will be responsible for the issuance of service order requests and the payment of fees associated with Physical Collocation, rearrangement of existing services and vendor costs for the relocation/removal of equipment.

## **General Terms and Conditions (cont.)**

### **3.17 Inspections**

BellSouth will conduct an inspection of the collocator's equipment and facilities between the time of the initial turn-over of the space and the activation of cross-connect elements. Subsequent inspections may occur with equipment additions or on a predetermined interval basis. For such inspections, BellSouth will provide a minimum of 48 hours advance notification. BellSouth reserves the right to conduct inspections without prior notification to ensure compliance to the terms and conditions of the tariff or agreement. Collocator personnel have the right to be present for inspections.

A collocator may inspect their Virtual Collocation arrangement upon completion of the arrangement installation. A security escort is required for these inspections. Additional inspections must be coordinated with BellSouth and also require a security escort. Only collocators or their Certified Vendors are permitted for such inspections. Collocators may not use their inspection privilege to work on, test, or modify their virtual equipment installation. Equipment installation, upgrades or testing must be performed by a Certified Vendor following BellSouth's receipt of a written application requesting such work.

### **3.18 Liability**

The collocator is responsible and accountable for the actions of their employees and their agents. The collocator will be required to pay damages to BST for damage to BST property, equipment or facilities as a result of the actions or behaviors of either the collocator employees or their agents.

### **3.19 Insurance**

For Physical Collocation, BellSouth requires the following coverage: (1) \$10 million in commercial general liability insurance or a combination of commercial general liability and excess umbrella coverage totaling \$10 million; (2) workers compensation coverage/employers liability coverage with limits not less than \$100,000 each accident; (3) \$100,00 each employee by disease, \$500,000 policy limit by disease. BellSouth will review requests for self insurance on a case by case basis.

Insurance coverage for Physical Collocation must be in effect on or before the date work commences or equipment is delivered, whichever is sooner, and must remain in effect until departure of all collocator personnel and property from the central office. Insurance for Virtual Collocation is the responsibility of BellSouth per the arrangement lease agreement. Virtual Collocator's should submit annually to BellSouth an updated list of facilities and equipment contained in their Virtual Collocation arrangement to assist BellSouth in ensuring adequate insurance coverage is in place should a disaster occur.

## **General Terms and Conditions (cont.)**

### **3.20 Subsequent activity**

Should a collocator require subsequent activity to its collocation space, the collocator must submit an Application form to BellSouth to evaluate the impact on support mechanisms or space. Subsequent activity may include, but not be limited to: additional equipment placement, additional square footage build-out, additional cross-connects, equipment rearrangement or equipment exchange.

### **3.21 Recovery of extraneous expenses**

Should BellSouth discover, upon beginning construction for physical collocation space, that unexpected major renovation or upgrade will be required in order to facilitate physical collocation, BST will share the costs of these expenses among collocators based on the number of square footage being requested. Major renovation may include, but not be limited to: ground plane addition, asbestos abatement, mechanical upgrade, major HVAC upgrade, separate egress, ADA compliance.

### **3.22 Cancellation of a request in progress**

If a collocator cancels an in-progress request, the collocator will be responsible for reimbursing BellSouth for expenses incurred to date. If the collocator has prepaid all or a portion of the non-recurring fees, BellSouth will refund the amount not expended as of the date of the cancellation.

### **3.23 Disconnection/Relocation of an in-service arrangement**

When a collocation arrangement is disconnected or relocated, the collocator must contract directly with its selected BellSouth Certified Vendor to remove/relocate all equipment and facilities associated with the decommissioned arrangement at the expense of the collocator.

### **3.24 Special Reports**

BellSouth will negotiate with requesting parties for the development of administrative reports, based on the availability of the data being requested. A fee structure will be based on the complexity of the request and resources required to produce the report(s).

## **SECTION 4**

# **Rate Components**

### **4.1 Virtual Collocation**

The rate element components of Virtual Collocation are contained in BellSouth's FCC #1 tariff, Section 20 and in the Florida Dedicated Services tariff, Section 20. Please refer to these references for the application of charges for Virtual Collocation.

### **4.2 Physical Collocation**

Physical Collocation offers a menu-style ordering provision so you may select only the items required for your individual arrangement(s). Some components are required for all physical collocation arrangements as indicated by an **(R)** designation next to the item in the descriptions following.

#### **4.2.1 Application fee (R)**

The application fee is required for each application to cover the engineering and administrative expense associated with assessing the Application Inquiry request. This fee is a one time charge per location, per request and must accompany the Application Inquiry document before BellSouth will begin assessing the request. A subsequent request by the same customer in the same premises will be treated as "new" if the initial collocation installation design work is completed and work has commenced. An Application fee will apply if BellSouth must expend capital to accommodate the request.

#### **4.2.2 Subsequent Application fee**

A Subsequent Application fee may apply in lieu of the Application fee when subsequent requests for Physical Collocation by the same customer in the same premises do not require BellSouth to expend capital and the collocator has this option negotiated as part of their collocation agreement with BellSouth. A Subsequent Application fee may apply for items including, but not limited to: exchange of existing equipment, adding equipment, addition of cross-connections (including BellSouth's "side" of the demarcation point), addition of equipment racking.

#### **4.2.3 Floor Space (R)**

This component covers the square footage requirements for the equipment rack(s) and POT bay for the equipment arrangement. The square footage calculation of an arrangement having an enclosure equals the total square footage contained within the enclosure walls. When an enclosure is not requested, square footage is calculated by the total shadow print of the equipment racks and POT bay plus a factor of 2.50 to compensate for the collocator's pro-rated share of OSHA required wiring and maintenance aisle space. BellSouth requires an enclosure if a collocator places power equipment or requires a desk or terminal stand.

## **Rate Components (cont.)**

### 4.2.3 (cont.)

The floor space charge covers items such as, but is not limited to the use of lighting, heating, air conditioning, ventilation, emergency back-up for these systems and other allocated expenses associated with the central office building. Billing commences the day the collocation space is turned over to the collocator for occupancy, or the day equipment is delivered to the BellSouth location, whichever is sooner. The floor space element does not include the amperage required to power collocated equipment.

### 4.2.4 Power (R)

Charges for -48V DC power is assessed per ampere per month based upon the certified vendor engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B), cable rack to the collocated equipment or equipment arrangement enclosure, and emergency back-up power. Fuses and power feed cables (A&B) must be engineered (sized), furnished and installed by a BellSouth certified vendor. A collocator may have breaker positions installed within their Physical Collocation space. The Interconnector's certified vendor must provide a copy of the engineering power specification prior to the Commencement Date.

When a collocator requests collocation of equipment that requires BellSouth to construct an addition and/or an upgrade to the power plant in a specific central office, these additions and/or upgrades will be part of the Space Preparation charge. The collocator has the option of accepting responsibility for construction of such upgrades or additions per BellSouth specifications and assuming all costs associated with the construction. Power equipment placed by the collocator must be enclosed within fire rated walls.

### 4.2.5 Cross-connect (R)

This element provides the one-for-one interconnection to Unbundled Network Elements (i.e. 2-wire or 4-wire unbundled loop, unbundled ports) or BellSouth's tariffed service offerings (i.e. DS0, DS1 or DS3 services). It is a flat rate, non-distance sensitive charge and applies on a per loop, circuit or port connection basis. The cross-connect has both a non-recurring and recurring charge.

### 4.2.6 POT bay (R)

BellSouth requires the use of a Point of Termination (POT) bay or frame for demarcation with physical collocation. The charge applies on a per cross-connect basis on a monthly recurring basis only. There is currently no non-recurring charge for this element.

### 4.2.7 Cable Installation

The cable installation charge applies only to collocators who install private entrance facilities to their collocation arrangement. This is a one time (non-recurring) charge per cable installed to arrange the punch through to the manhole, pull fiber cable length from the serving manhole to

the Central Office cable vault, perform splicing to collocator's connectorized fire retardant riser, and pull cable length through cable support structure to the collocation arrangement location.

## **Rate Components (cont.)**

### 4.2.8 Cable Support Structure

The component covers the use and maintenance of the Central Office duct, riser and overhead racking structure when the collocator elects to provide private fiber entrance facility to their equipment.

### 4.2.9 Space Preparation fee

This one time fee applies for physical collocation only, per arrangement, per location and covers the survey, engineering, design, and building / support system modifications for the shared physical collocation area within a central office plus additional "make ready work" specific to the collocator which is not included in the enclosure construction fee. Except where otherwise specified by regulatory bodies, BellSouth will pro rate the common space preparation costs among all collocators at a given central office based on the number of square footage requested per collocator. This charge may vary dependent on the location and type of arrangement requested. BellSouth will provide the collocator an estimate of construction costs in writing in the Application Response. As designated in the Application Response, a portion of the estimated Space Preparation charge must be paid prior to BellSouth beginning construction work.

Should the customer elect to arrange the add/build of DC power plant, the costs for construction of the power equipment enclosure will be included in the space preparation fee when BellSouth performs the construction. Construction of the power equipment enclosure may be directly arranged with a BellSouth certified contractor. Such enclosure, whether constructed by BellSouth or a contracted vendor, will become the property of BellSouth.

### 4.2.10 Space construction fee

This element applies to physical collocation arrangements only and will vary based on the size of arrangement enclosure requested. The fee covers the materials and installation of an equipment arrangement enclosure. The collocator has the option of accepting responsibility arranging the construction of their equipment arrangement enclosure with a BellSouth certified contractor, per BellSouth specifications, and assuming all costs associated with the construction. Enclosures constructed for collocation arrangements will become the property of BellSouth.

### 4.2.12 Additional Engineering

BellSouth's engineering and other labor time associated with establishing the equipment arrangement and establishing tie cables will be billed as additional engineering. This charge will also apply for modifications to an application in progress which result in architectural, design or engineering changes. Additional engineering charges may apply for work efforts specific to a collocator's space when an enclosure construction charge does not apply.

## **Rate Components (cont.)**

### **4.2.12 Security Escort (R)**

A security escort is required for all equipment inspections under VEIS. A security escort may be required for physical collocation if the collocater or their agent must traverse a restricted area in order to access their collocation space. The charge is billed in half hour increments.

### **4.2.13 Administrative reporting**

Collocators who request administrative reports will be assessed a report fee on an individual case basis.

**SECTION 5****Contacts****Physical Collocation contract negotiation:**

Contact Name  
Jerry Hendrix

Telephone  
404 927-7503

**Competitive Access Provider (CAP) and CLEC Applications for collocation: :**

<u>Contact Name</u>	<u>Account</u>	<u>Telephone</u>	<u>Fax Number</u>
Nancy Nelson	CAP/CLEC	205-977-1136	205-977-1151
Gretchen Temple	CAP/CLEC	205-977-1122	205-977-1151
Jeanie Ash	MCI	770-492-7541	770-621-0632
Valerie Gray	AT&T	770-492-7563	
Linda McGrue	SprintMetro	205-988-1719	205-988-1688
Connie Butrill	Wireless	770-454-2983	205-454-2907
Cindy Woolsey	WorldComm	205-733-5809	205-988-6969
	Nextlink		

**For IXC customers:**

Contact your Account Representative to obtain the name of your collocation coordinator if not listed above.

**To obtain a copy of BellSouth's Application / Inquiry document:**

**Contact your Account Representative**

**or**

**Visit BellSouth's Interconnect website at:  
[www.bellsouth.com/interconnection](http://www.bellsouth.com/interconnection)**



**Example**  
**BellSouth Certified Transmission Vendor List**  
**Engineering and Installation of Collocation Arrangements**

<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
ADC Communications	Ken Reeves Doug Guildry	800-223-9773 318-684-2860
ADC Da Tel	Basem Anshasi	205-655-9898
Alcatel	Ed Boatwright Alex Baber	770-270-8335 800-869-4869
E F & I Services Co.	Reed Tillis	904-355-7930
Fujitsu Network Communications, Inc., <i>* Certified – Collocation (OEM) Fujitsu Equipment Only</i>	J. Quinta Evans	770-246-4102
Lucent Technologies, Inc.	(SC) Adrian Dye (MS) Larry Montgomery GA) Mike Chancey (NFL) Wayne Stricklen (NC) Abe Jenkins NC) (AL) Marc Haze (S/SEFL) Charles Barrett	803-926-5213 601-949-8277 404-573-6521 407-636-1421 704-529-0693 910-299-0326 334-265-1291 561-837-9649
Mintel	Bill Quinn	770-923-0304
Nortel <i>* Field Trial - Collocation (OEM) Physical Collocation only</i>	Joe Salazar	972-685-7587
Quality Telecommunications, Inc.	Jerry Miller	770-953-1410
Rapid Response Comm.	Ted Pellaux	423-546-2886
Reltec Services	Woody Bell	770-449-0840
Six "R" Comm., Inc.	Ken Koontz or Dick Phillips	704-289-5522
Tele-Tech Company	Rod Trawick	770-389-3043
Telpro Technologies, Inc.	Robert West, Jr.	404-629-1093
Trans Global Comm.	Dale White	407-290-1453
Volt Information Science	George Maquieira	908-245-0100
W. E. Tech, Inc.	Wes Evans	954-587-6996

Note:

The certification status of any listed vendor is subject to change monthly, therefore please ensure you have current information by contacting your BellSouth Collocation Coordinator. @This indicates a Certified Vendor is temporarily unavailable for collocation selection.

**Example**  
**BellSouth Certified Switch Vendors**  
**Engineering and Installation for Physical Collocation**

<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
DSC Corporation (STP)	John Mastoras	214-491-1870
Ericsson(STP)	Karen A Caulk	972-583-5158
Fujitsu Network Communications, Inc. Certified – Collocation (OEM) Broadband	J. Quinta Evans	770-246-4102
Lucent Technologies, Inc.	(SC) Adrian Dye	803-926-5213
	(MS) Larry Montgomery	601-949-8277
	(GA) Mike Chancey	404-573-6521
	(NFL) Wayne Stricklen	407-636-1421
	(NC) Abe Jenkins	704-529-0693
	(NC)	910-299-0326
	(AL) Marc Haze	334-265-1291
	(S/SEFL) Charles Barrett	561-837-9649
Nortel	Margaret Skeen	770-661-4303
Siemens Stromberg – Carlson	Manfred Schmidt Installation	407-942-5665
	Karl Hoskins Engineering	561-955-8621

**Note:**

The certification status of any listed vendor is subject to change monthly, therefore please ensure you have current information by contacting your BellSouth Collocation Coordinator. @This indicates a Certified Vendor is temporarily unavailable for collocation selection.

**Example**  
**BellSouth Certified Power Vendors**  
**Engineering and Installation for Physical Collocation**

***Note: Installation of Power equipment requires special BellSouth conditions and approval.***

<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
Charles E. Singleton	Sam Wetzel	305-960-0158
Reltec Services	Bob Dietz	216-353-2070
Six R Communications	Ken Kootnz	704-535-7607
Lucent Technologies, Inc.	(SC) Adrian Dye	803-926-5213
	(MS) Larry Montgomery	601-949-8277
	(GA) Mike Chancey	404-573-6521
	(NFL) Wayne Stricklen	407-636-1421
	(NC) Abe Jenkins	704-529-0693
	(NC)	910-299-0326
	(AL) Marc Haze	334-265-1291
	(S/SEFL) Charles Barrett	561-837-9649

**Note:**

The certification status of any listed vendor is subject to change monthly, therefore please ensure you have current information by contacting your BellSouth Collocation Coordinator. @This indicates a Certified Vendor is temporarily unavailable for collocation selection.

## **SECTION 6**

### **Exhibits**

#### **Example Letter: Request for Negotiations**

**(Date)**

Mr. Jerry Hendrix  
Director - Marketing Interconnection Services  
BellSouth Telecommunications, Inc.  
675 W. Peachtree Street, N.E.  
Room 34S91  
Atlanta, Georgia 30375

Dear Mr. Hendrix:

**(Company name)** hereby requests to begin the negotiations process to reach a mutually acceptable Physical Collocation Agreement with BellSouth Telecommunications, Inc. in the state(s) of \_\_\_\_\_.

Please contact **(name of your contact)** at your earliest convenience to establish the appropriate company contacts and the desired procedural schedule necessary to implement the negotiation process.

Sincerely,

**Contact Name and Title**

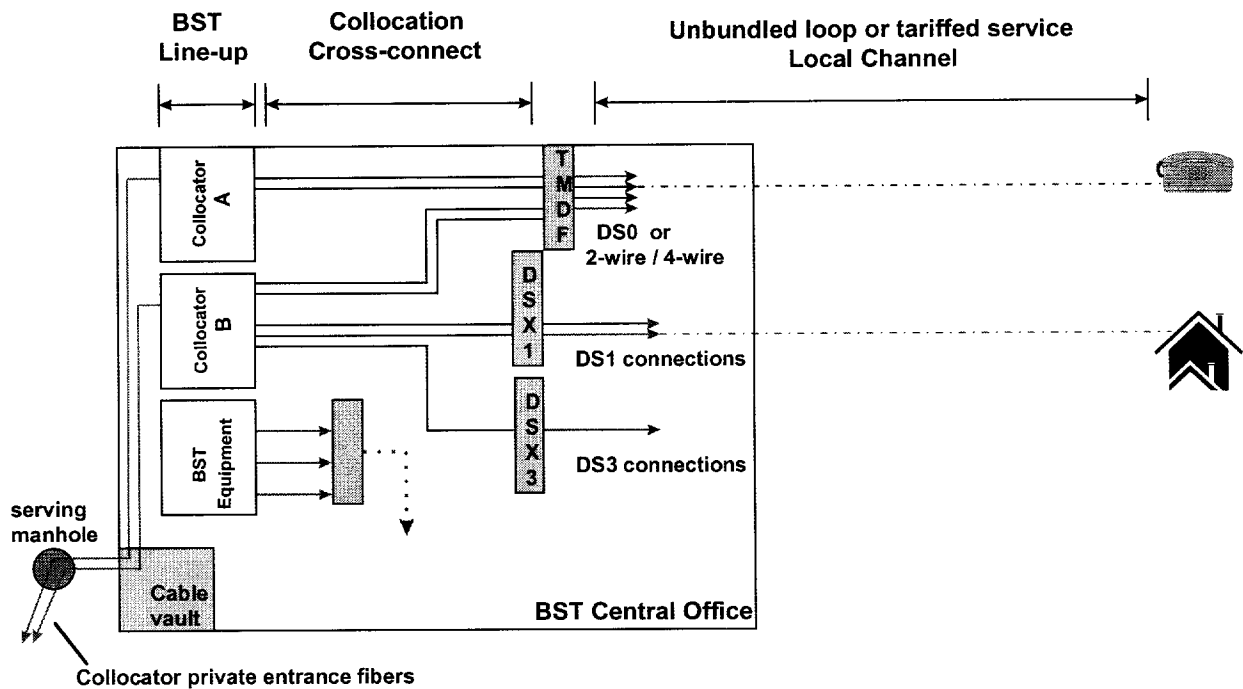
**Company Name and Address**

**Contact Phone Number, Fax Number**

## Exhibits

### Virtual Collocation Example Schematic

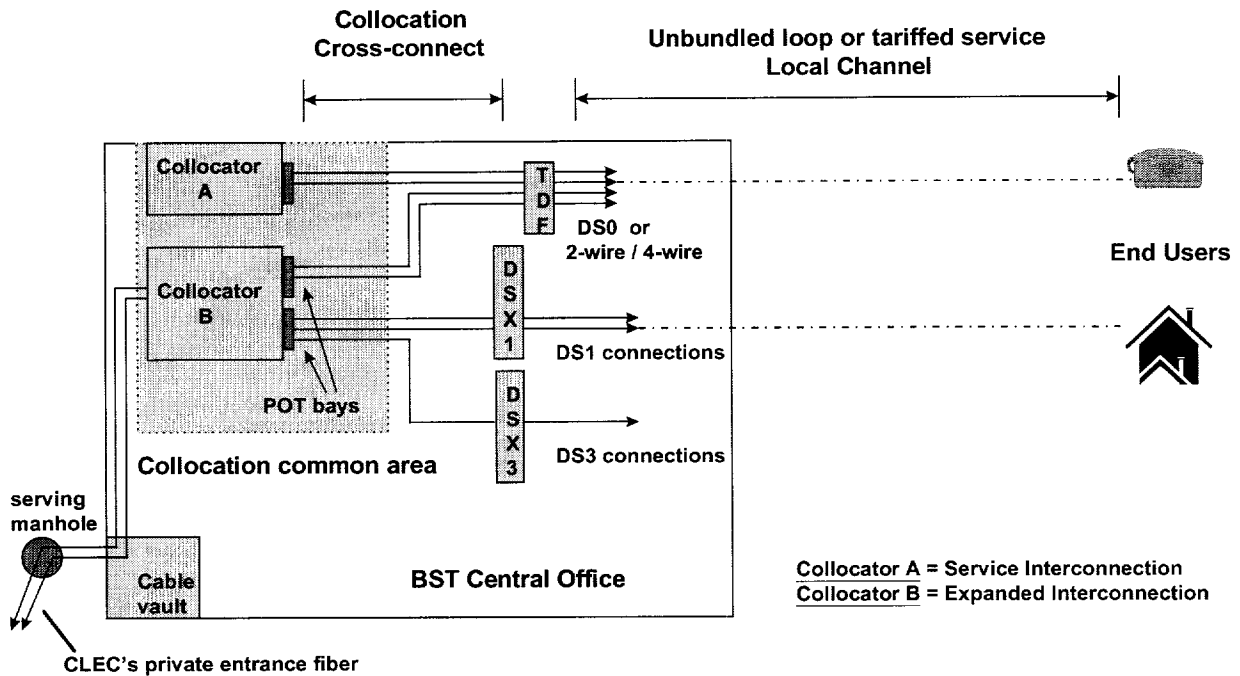
This schematic shows the placement of the Virtual Collocation equipment within the BellSouth line-up. The interconnection point between the collocator's equipment arrangement and BellSouth's network occurs at the frame (TMDF) or DSX (DSX1 or DSX3), depending on the service being interconnected. The "local channel" is shown as an example of the type of connection which can be made between a collocation arrangement and BellSouth's network but does not constitute the only option for such interconnection.



## Exhibits

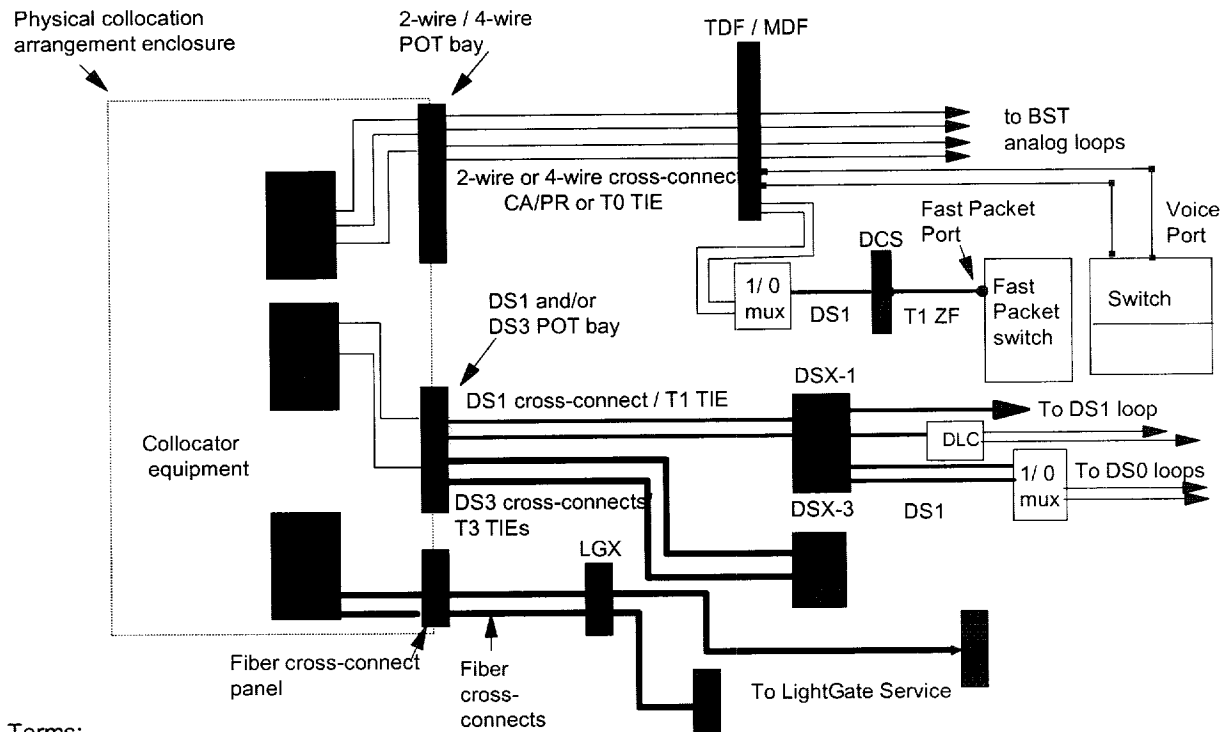
### Physical Collocation Example Schematic

The example below illustrates the two types of Physical Collocation offered by BellSouth: Service Interconnection with Collocator "A" and Expanded Interconnection Service with Collocator "B". This Schematic shows the POT bay interconnection point between the collocator's equipment arrangement and BellSouth's network. The "local channel" is shown as an example of the type of connection which can be made between a collocation arrangement and BellSouth's network.



## Exhibits

### Example Cross-connection Schematic Physical Collocation



**Terms:**

- DCS Digital Cross-connect System
- DLC Digital Loop Carrier (loop concentrator)
- LGX Light Guide Cross-connect
- MDF Main Distributing Frame
- TDF Toll Distributing Frame



## **Exhibits**

### Available upon request:

BellSouth Standard Collocation Agreement

BSTEI Ordering Documents and Line by Line Instructions

BellSouth Provisioning Process Flow Diagram

**\* See the contacts located in Section 5 to obtain copies of the above.**

BellSouth Telecommunications, Inc.  
TRA Docket 97-00309  
AT&T's Second Data Requests  
Dated March 6, 1998  
Item No. 14  
Supplemental Response  
Page 1 of 1

REQUEST: Where CLECs request collocated space solely for the purpose of loop/switch recombination, will BellSouth require use of an IDF?

RESPONSE: BellSouth does not require CLECs to use any specific type of equipment for recombining elements within their collocation space.

## CERTIFICATE OF SERVICE

I hereby certify that on March 24, 1998, a copy of the foregoing document was served on the parties of record, via facsimile or hand delivery addressed as follows:

Dennis McNamee, Esquire  
Tennessee Regulatory Authority  
460 James Robertson Parkway  
Nashville, TN 37243-0500

Vincent Williams, Esquire  
Consumer Advocate Division  
426 5th Avenue, N., 2nd Floor  
Nashville, TN 37243

Dana Shaffer, Esquire  
Nextlink  
105 Malloy Street, #300  
Nashville, TN 37201

Enrico C. Soriano  
Kelley, Drye & Warren  
1200 19th St., NW, #500  
Washington, DC 20036

H. LaDon Baltimore, Esquire  
Farrar & Bates  
211 Seventh Ave. N, # 320  
Nashville, TN 37219-1823

Carolyn Tatum Roddy, Esquire  
Sprint Communications  
3100 Cumberland Circle, N0802  
Atlanta, GA 30339

Charles B. Welch, Esquire  
Farris, Mathews, et al.  
511 Union Street, #2400  
Nashville, TN 37219

Guilford Thornton, Esquire  
Stokes & Bartholomew  
424 Church Street  
Nashville, TN 37219

Henry Walker, Esquire  
Boult, Cummings, et al.  
P. O. Box 198062  
Nashville, TN 37219-8062

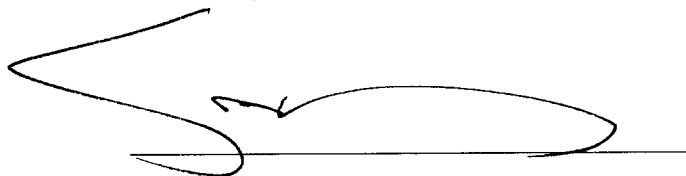
D. Billye Sanders, Esquire  
Waller, Lansden, Dortch & Davis  
511 Union St., #2100  
Nashville, TN 37219-1750

Jon E. Hastings, Esquire  
Boult, Cummings, et al.  
P. O. Box 198062  
Nashville, TN 37219-8062

Andrew O. Isar, Esquire  
Telecommunications Resellers Association  
4312 92nd Ave., NW  
Gig Harbor, WA 98335

James P. Lamoureux  
AT&T  
1200 Peachtree St., NE, #4068  
Atlanta, GA 30367

Donald L. Scholes  
Branstetter, Kilgore, et al.  
227 Second Ave., N.  
Nashville, TN 37219

A handwritten signature in black ink, consisting of a large, stylized 'S' or 'Z' shape followed by a horizontal line.